Read Me First

LL50A Parameter Setting Software with Ladder Program Building Function and Network Profile Creating Function Installation Manual

IM 05P05A01-01EN

6th Edition : Apr. 2015

YOKOGAWA
Yokogawa Electric Corporation

This manual describes the installation/uninstallation of LL50A.

Product Registration

Thank you for purchasing YOKOGAWA products.
YOKOGAWA provides registered users with a variety of information and services.
Please allow us to serve you best by completing the product registration form accessible from our homepage.
http://www.yokogawa.com/ns/reg/

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4. Installing LL50A Parameter Setting Software

Introduction

Thank you for purchasing the UTAdvanced Series Digital Indicating Controller and LL50A Parameter Setting Software.
This manual describes the installation/uninstallation of LL50A. Please read though this user's manual carefully before using the product.
For the function and operating method of LL50A Parameter Setting Software, see "LL50A Parameter Setting Software User's Manual."
For details of each function, refer to the electronic manual. User's manuals can be downloaded or viewed at the following URL.

http://www.yokogawa.com/ns/ut/im/

■ Checking the Contents of the Package

Before using the product, refer to the table of Model and Suffix Codes to make sure that the delivered product is consistent with the model and suffix codes you ordered.

Model and Suffix Code

Model	Suffix code	Description
LL50A		Parameter Setting Software (with Ladder Program Building Function and Profile Creating Function)
	-00	Always "-00"

Also make sure that the following items are included in the package.
Parameter Setting Software/USB converter driver CD-ROM (Parts No.: L4502XH) ... x1
Dedicated cable (Parts No.: A1059UR) and dedicated adapter (Parts No.: L3502LP) ... x1
LL50A Installation Manual (this document) ..... x1 (A3 size)
User's Manual (CD-ROM) x1

1. Safety Precautions

The following symbol is used on the instrument. It indicates the possibility of injury to the user or damage to the instrument, and signifies that the user must refer to the user's manual for special instructions. The same symbol is used in the user's manual on pages that the user needs to refer to, together with the term "WARNING" or "CAUTION."

CAUTION

Calls attention to actions or conditions that could cause injury to the user or damage to the instrument or property and indicates precautions that should be taken to prevent such occurrences.

Note

Identifies important information required to operate the instrument.

■ CD Handling Guideline

Note

- While the CD is being accessed, do not remove the CD from the CD-ROM drive, cut the power to the PC, or reset the computer.
- Please store your original CDs carefully.
  Install the program on your hard disk, and run it from your hard disk during actual use.

2. Operating Environment

PC

Applicable OS: Windows 7 Professional (32-bit/64-bit versions)
Windows 8.1 Pro Update (32-bit and 64-bit versions) (Desktop type)
Recommended CPUs: Pentium 4 Processor 3.0 GHz or higher
Pentium D Processor 2.6 GHz or higher
Pentium Core 2 Duo Processor 1.8 GHz or higher
Pentium Dual-Core Processor 1.6 GHz or higher
Recommended Main Memory: 2 GB or more
Hard disk space:
Program storage capacity: 100 MB or more
.NET Framework 4.0 storage capacity: 620 MB or more
Display: 1024 x 768 pixels or more
Color: 256 or more colors
Communication port: For communication with a dedicated cable, use the USB port/ one channel.
For communication via an RS-485 communication terminal, use an RS-232C port (An RS-232C/RS-485 converter is required; Model ML2 is recommended)
For Ethernet communication, use 10BASE-T/100BASE-TX.
CD-ROM drive: One (required for installation)
Printer: Paper size; Letter or A4 (required for printing)

3. Installing USB Converter Driver Software

CAUTION

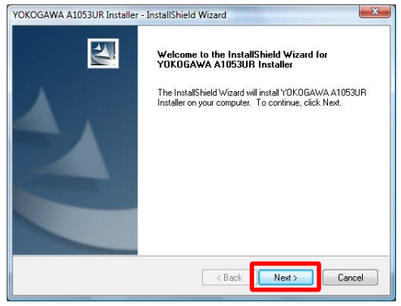
- **Install USB converter driver software as an administrator.**
- **Avoid entering just the drive as the installation location, such as C:\. Enter the full directory path.**
- **Before installing USB converter driver software, quit all running applications.**
- **When reinstalling USB converter driver software, uninstall the installed USB converter driver software first, and then reinstall USB converter driver software.**

1. Start Windows.
2. Insert the CD of LL50A into the CD-ROM drive. The start-up screen appears automatically.

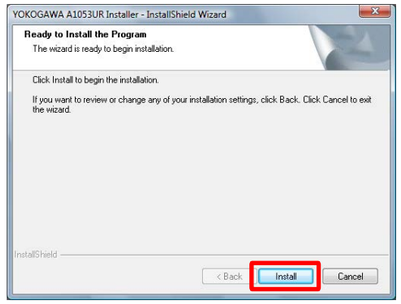
Note: If the start-up screen does not appear automatically and the **AutoPlay** screen appears, click **Run startup. exe** to display the start-up screen.

3. Click **USB Driver Installation**.

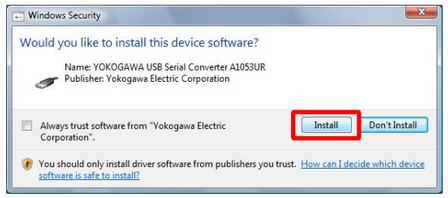
4. The User Account Control screen appears. Click **Continue**.
5. Installshield Wizard screen appears. Click **Next**.


YOKOGAWA A1053UR Installer - InstallShield Wizard
Welcome to the InstallShield Wizard for YOKOGAWA A1053UR Installer
The InstallShield Wizard will install YOKOGAWA A1053UR Installer on your computer. To continue, click Next.
< Back
Next >
Cancel

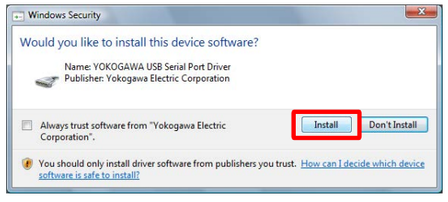
6. Click **Install**.


YOKOGAWA A1053UR Installer - InstallShield Wizard
Ready to Install the Program
The wizard is ready to begin installation.
Click Install to begin the installation.
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
InstallShield
< Back
Install
Cancel

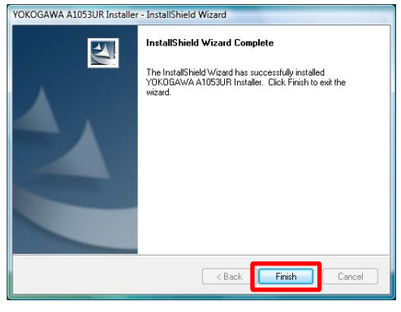
7. The Windows Security screen appears. Click **Install**. (USB device driver)


Windows Security
Would you like to install this device software?
Name: YOKOGAWA USB Serial Converter A1053UR
Publisher: Yokogawa Electric Corporation
Always trust software from "Yokogawa Electric Corporation".
Install
Don't Install
You should only install driver software from publishers you trust. How can I decide which device software is safe to install?

8. The Windows Security screen appears. Click **Install**. (COM port driver)


Windows Security
Would you like to install this device software?
Name: YOKOGAWA USB Serial Port Driver
Publisher: Yokogawa Electric Corporation
Always trust software from "Yokogawa Electric Corporation".
Install
Don't Install
You should only install driver software from publishers you trust. How can I decide which device software is safe to install?

9. When installation is complete, the Finish dialog box appears. Click **Finish**.

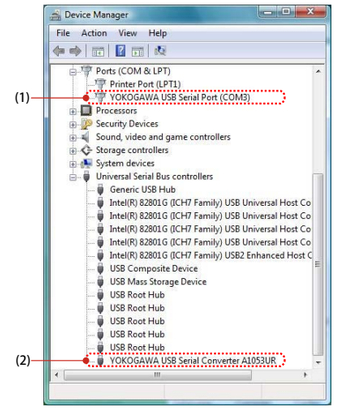

YOKOGAWA A1053UR Installer - InstallShield Wizard
InstallShield Wizard Complete
The InstallShield Wizard has successfully installed YOKOGAWA A1053UR Installer. Click Finish to exit the wizard.
< Back
Finish
Cancel

The dialog box closes. You have completed installing the driver software.

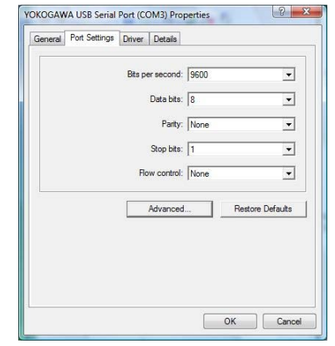
When you connect the dedicated cable to a USB port on your computer, the driver becomes available automatically.

■ Verifying Installation

1. From the **Start menu** of Windows, select **Control Panel** > **Device manager**.
2. Verify that the virtual COM port driver (1) "YOKOGAWA USB Serial Port (COMn)" is displayed under "Ports (COM & LPT)" as COM port and the USB device driver (2) "YOKOGAWA USB Serial Converter A1053UR" is displayed under "Universal Serial Bus controllers."



3. The COM port number assigned to the dedicated cable can be verified by the port number displayed in (1) "YOKOGAWA USB Serial Port (COMn)" of Device Manager (see the step 3). To change the COM port number, double-click (1), select Port Settings tab of Properties screen and click **Advanced**. Change the COM port number in the Advanced Settings for COMn screen.

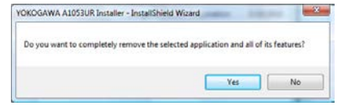


■ Uninstalling USB Converter Driver Software

CAUTION

Unplug the dedicated cable if it is connected to a personal computer.

1. Unplug the dedicated cable if it is connected to a personal computer.
2. From the **Start menu** of Windows, select **Control Panel** > **Programs and Features**.
3. Select **YOKOGAWA A1053UR Installer** and click **Uninstall**.
4. The **User Account Control** screen appears. Click **Continue**.
5. The Confirm Uninstall screen appears. Click **Yes**.


YOKOGAWA A1053UR Installer - InstallShield Wizard
Do you want to completely remove the selected application and all of its features?
Yes
No

6. The Uninstall Complete screen appears. Click **Finish**.

You have completed uninstalling the driver software.

4. Installing LL50A Parameter Setting Software

CAUTION

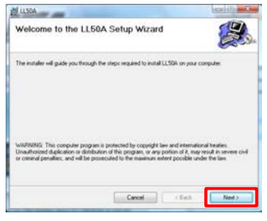
- **Install the software as an administrator.**
- **Do not set LL50A user file save directory in Program Files folder. The LL50A will not work properly.**
- **Before installing LL50A Setting Software, quit all running applications.**
- **Avoid entering just the drive as the installation location, such as C:\. Enter the full directory path.**
- **When .NET Framework 4.0 is not installed on personal computer, .NET Framework 4.0 is installed to start LL50A.**
- **When reinstalling LL50A, uninstall the installed LL50A first, and then reinstall LL50A.**

■ Installing LL50A Parameter Setting Software

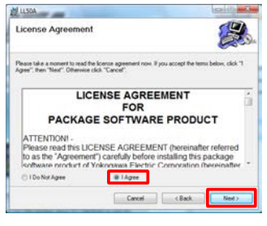
1. Start Windows.
2. Insert the CD of LL50A into the CD-ROM drive. The start-up screen appears automatically.

Note: If the start-up screen does not appear automatically and the **AutoPlay** screen appears, click **Run startup. exe** to display the start-up screen.

3. Click **LL50A Installation**.
4. When .NET Framework 4.0 is not installed on a personal computer, the license agreement for installing it appears. Click **Accept**.
5. The message “Copying required files” appears. And then the message “Installing .NET Framework 4.0” appears.
6. The User Account Control screen appears. Click Continue.
7. The message “Please wait while Setup configures the components.” appears.
8. The message “Setup must reboot before proceeding.” may appear. Click **Yes**.
9. Personal computer reboots. The LL50A Setup Wizard appears. Click **Next**.



10. The License Agreement for Package Software Product appears. Read this license agreement carefully. If you agree, select **I Agree**. Click **Next**.



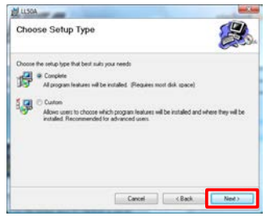
Note: If **I Do Not Agree** is selected, you cannot install the LL50A. Click **Cancel**.

11. The Select Installation Folder screen appears. Select **Everyone** or **Just me**. Click **Next**.

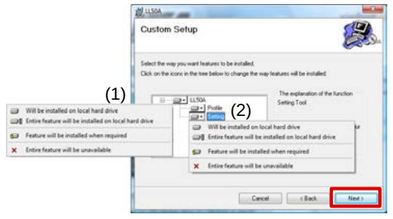
Note

When you install the LL50A after "Everyone" is selected, even if other users log in, it is possible to start LL50A from the **Start menu** > **Programs menu**.
When you install the LL50A after "Just me" is selected, even if other users log in, LL50A is not displayed in the **Programs**.

12. The Setup Type screen appears. Select **Complete** and click **Next**. (We recommend choosing **Complete**.)



Note1: If you chose **Complete**, go to the procedure **13**.
Note2: If you chose Custom, continue the procedure as follows:
Choose each installation method (*1) of **LL50A**, or **Profile** and **Setting**, then click **Next**.


Custom Setup
(1)
(2)
Will be installed on local hard drive
Entire feature will be installed on local hard drive
Feature will be installed when required
Entire feature will be unavailable
Cancel
< Back
Next >

*1: **Profile** is to install Network Profile Tool.
Setting is to install Parameter Setting Tool.
(1) On the **LL50A**, select **Entire feature will be installed on local hard drive**.
(2) On the **Profile** and **Setting**, select either **Will be installed on local hard drive**, or **Entire feature will be unavailable**.

13. The Confirm Installation screen appears. Click **Next**.
14. The message “Installing LL50A” appears. The User Account Control screen appears. Click **Allow**.
15. Installation begins. When installation is completed, a confirmation message appears. Click **Close**.

The following icons are appeared on the desktop.

[Setting Tool]

[Network Profile Tool]

You have completed installing the LL50A parameter setting software.

■ Verifying Installation of LL50A Parameter Setting Software

From the **Start menu** of Windows, point to **All Programs**, then **UTAdvanced** and verify that the **Setting Tool** and the **Network Profile Tool** is registered.

■ Uninstalling LL50A Parameter Setting Software

From the **Start menu** of Windows, select **Control Panel** > **Programs and Features** (*1) > **LL50A** and uninstall it.
The User Account Control screen appears. Click **Allow**. The LL50A is uninstalled.

*1: From the **Start menu** of Windows, select **Control Panel** > **Uninstall a program** if the control panel's display method is “Control Panel Home.”

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